

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-244373

(43)Date of publication of application : 31.10.1991

(51)Int.Cl.

C12F 3/06

A23J 1/16

A23K 1/06

(21)Application number : 02-040516

(71)Applicant : KIRIN BREWERY CO LTD
CHIYODA CORP

(22)Date of filing : 20.02.1990

(72)Inventor : KISHI SOTARO
KIMURA TAKASHI
MINAMI TAKESHI
KOBAYASHI HARUTO

(54) HIGH PROTEIN POWDER DERIVED FROM BEER CAKE

(57)Abstract:

PURPOSE: To obtain the subject high protein powder containing a high content of methionine in the protein, having a high pepsin digestion ratio and remarkably useful as a feed and a food material by pulverizing the grain skin part of beer cake.

CONSTITUTION: Wet-state beer cake is subjected to flaking treatment, sieved in the presence of water and dried to obtain the objective high-protein powder containing 40-60 wt.% protein, 12-18 wt.% lipid, 2-6 wt.% fiber and 1-4 wt.% ash on dry substance base. The resultant powder is degreased, as necessary, to obtain a degreased high-protein powder containing 45-70 wt.% protein, 1-3 wt.% lipid, 3-6 wt.% fiber and 1-4 wt.% ash on dry substance base.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office